

# Chenglin Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10860022/publications.pdf>

Version: 2024-02-01

18  
papers

2,055  
citations

516215

16  
h-index

839053

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

2720  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly nitrogen doped carbon nanofibers with superior rate capability and cyclability for potassium ion batteries. <i>Nature Communications</i> , 2018, 9, 1720.	5.8	871
2	Potassium Prussian Blue Nanoparticles: A Low-Cost Cathode Material for Potassium-Ion Batteries. <i>Advanced Functional Materials</i> , 2017, 27, 1604307.	7.8	411
3	Enhancing potassium-ion battery performance by defect and interlayer engineering. <i>Nanoscale Horizons</i> , 2019, 4, 202-207.	4.1	105
4	Recent Research Progress of Anode Materials for Potassium-Ion Batteries. <i>Energy and Environmental Materials</i> , 2020, 3, 105-120.	7.3	103
5	Oxygen vacancies: Effective strategy to boost sodium storage of amorphous electrode materials. <i>Nano Energy</i> , 2017, 38, 304-312.	8.2	92
6	Recent advances in ferromagnetic metal sulfides and selenides as anodes for sodium- and potassium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 9506-9534.	5.2	78
7	Unexpected intercalation-dominated potassium storage in WS <sub>2</sub> as a potassium-ion battery anode. <i>Nano Research</i> , 2019, 12, 2997-3002.	5.8	77
8	Ammonium Vanadium Bronze as a Potassium-Ion Battery Cathode with High Rate Capability and Cyclability. <i>Small Methods</i> , 2019, 3, 1800349.	4.6	58
9	Bismuth oxychloride nanoflake assemblies as a new anode for potassium ion batteries. <i>Chemical Communications</i> , 2019, 55, 6507-6510.	2.2	47
10	Oxygen-functionalized soft carbon nanofibers as high-performance cathode of K-ion hybrid capacitor. <i>Nano Energy</i> , 2020, 72, 104661.	8.2	42
11	MoS <sub>2</sub> nanosheets with expanded interlayer spacing for enhanced sodium storage. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 3099-3105.	3.0	41
12	Polyimide@Ketjenblack Composite: A Porous Organic Cathode for Fast Rechargeable Potassium-Ion Batteries. <i>Small</i> , 2020, 16, e2002953.	5.2	40
13	Bismuth Nanoparticles Confined in Carbonaceous Nanospheres as Anodes for High-Performance Potassium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 31766-31774.	4.0	30
14	Enhanced Potassium Storage Capability of Two-Dimensional Transition-Metal Chalcogenides Enabled by a Collective Strategy. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 18838-18848.	4.0	21
15	Bismuth selenide nanosheets confined in thin carbon layers as anode materials for advanced potassium-ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 4267-4275.	3.0	18
16	Carbon-Free Crystal-like Fe <sub>3</sub> S as an Anode for Potassium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 55218-55226.	4.0	18
17	Batteries: Potassium Prussian Blue Nanoparticles: A Low-Cost Cathode Material for Potassium-Ion Batteries ( <i>Adv. Funct. Mater.</i> 4/2017). <i>Advanced Functional Materials</i> , 2017, 27, .	7.8	2
18	Modified polydopamine derivatives as high-performance organic anodes for potassium-ion batteries. <i>Sustainable Energy and Fuels</i> , 2022, 6, 3527-3535.	2.5	1